

CLAIMS

[1] An ethylene-alkyl acrylate copolymer rubber composition, which comprises 100 parts by weight of ethylene-alkyl acrylate copolymer rubber having an amine vulcanizable group, 0-60 parts by weight of EPDM, 5-40 parts by weight of a plasticizer, 0.5-4 parts by weight of an organic peroxide cross-linking agent, and 0.5-4 parts by weight of an amine-based vulcanizing agent.

[2] An ethylene-alkyl acrylate copolymer rubber composition according to Claim 1, wherein oil extended EPDM is used for the EPDM.

[3] An ethylene-alkyl acrylate copolymer rubber composition according to Claim 2, wherein oil extended EPDM is used for the EPDM and the plasticizer.

[4] An ethylene-alkyl acrylate copolymer rubber composition according to Claim 2 or 3, wherein the oil extended EPDM is an EPDM mixed with 50-120% by weight of an oil extender on the basis of EPDM.

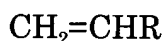
[5] An ethylene-alkyl acrylate copolymer rubber composition according to Claim 1, wherein the EPDM is used in a proportion of 5-50 parts by weight.

[6] An ethylene-alkyl acrylate copolymer rubber composition according to Claim 1, wherein the EPDM is used in a proportion of 5-40 parts by weight.

[7] An ethylene-alkyl acrylate copolymer rubber composition according to Claim 1, wherein 0.1-0.5 parts by weight of a sulfur-based compound is further used.

[8] An ethylene-alkyl acrylate copolymer rubber composition according to Claim 1, wherein 1-30 parts by weight of α -olefin oligomer is used together with 5-50 parts by weight of EPDM.

[9] An ethylene-alkyl acrylate copolymer rubber composition according to Claim 8, wherein the α -olefin oligomer is a polymer of α -olefin, represented by the general formula :



, where R is an alkyl group having 3-12 carbon atoms, with a number average molecular weight Mn of 300-1,400.

[10] An ethylene-alkyl acrylate copolymer rubber composition according to Claim 6, for use as a molding material for constant velocity joint boots.

[11] An ethylene-alkyl acrylate copolymer rubber composition according to Claim 1 or 5, for use as a molding material for dust covers or vibration-damping rubber.

[12] A constant velocity joint boot, obtained by cross-linking an ethylene-alkyl acrylate copolymer rubber composition according to Claim 10.

[13] A dust cover or vibration-damping rubber, obtained by cross-linking an ethylene-alkyl acrylate copolymer rubber composition according to Claim 11.